

Work Order ID 130328

130328

Thursday, March 05, 2015 2:23:45 PM

ship March 16th Page 1

Item ID: 647.3701

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Start Qty: 1.00

1

Cust Item ID:

Required Date: 3/27/2015

Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: JME

Date: 15-3-5

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

647.3700

N/C

DAS
27
9-89

MCS 1503-10

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

DAS
06
9-89

MAR 11 2015

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP 647.3701

110

Pick Kit

0.00

110

Packaging

Memo

0.00

DAS
27
9-89

MAR 10 2015

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

DAS
06
9-89

MAR 11 2015

120

QC

Memo

0.00

(1x)

DAS
06
9-89

MAR 11 2015

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Work Order ID 130328***130328***

Page 2

Thursday, March 05, 2015 2:23:45 PM

Item ID: 647.3701

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 3/27/2015 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP 647.3701								
	Location: _____ <i>Ship</i>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MAR 10 2015

3/5/15

MW 1503-11

(Signature) 15-3-11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Thursday, March 05, 2015 2:23:42 PM

Page 1

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.26 NEW ISSUE DD VERF:JLM
REV:B 15.01.26 as per ecr 14-214 DD VERF:JLM IPP

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
647.3915 *647 3915* Deflector		Manufactured	No				Each	25.0000	**			DAS 27 8-89	DAS 46 9-89
DAS 86 9-89 <u>Location</u> CCK056 120739 121791 <u>Loc Qty</u> 25 9 16 <u>Loc Code</u> 													
647.3801 *647 3801* 412 Upper Cutter Assy		Manufactured	No			110	Each	14.0000	1			DAS 27 8-89	DAS 46 9-89
DAS 86 9-89 <u>Location</u> CCK028 121047 124725 124726 124727 124728 m129702 <u>Loc Qty</u> 14 2 2 2 3 3 2 <u>Loc Code</u> 													
647.3803 *647 3803* Lower Cutter Assy Low		Manufactured	No			110	Each	0.0000	1			DAS 27 8-89	DAS 46 9-89
647.4410 *647 4410* Rail		Manufactured	No			110	Each	30.0000	1			DAS 27 8-89	DAS 46 9-89
DAS 86 9-89 <u>Location</u> CCK081 120755 120986 <u>Loc Qty</u> 30 14 16 <u>Loc Code</u> 													

MAR 10 2015

MAR 10 2015

MAR 10 2015

MAR 10 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Thursday, March 05, 2015 2:23:42 PM

Page 2

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

647.4010

Manufactured No

110

Each

34.0000

1 1

647-4010

Wiper Deflector RH

**

MAR 10 2015

DAS
27
46

DAS
27
9-89

Location

Loc Qty

Loc Code

cck010

20

120740

20

CCK022

14

120628

6

m129721

8

647.4011

Manufactured No

110

Each

33.0000

1

647-4011

Wiper Deflector LH

**

MAR 10 2015

DAS
27
46

DAS
27
9-89

Location

Loc Qty

Loc Code

cck018

20

120741

20

cck023

13

120629

5

m129721

8

647.4110

Manufactured No

110

Each

31.0000

1

647-4110

Doubler

**

MAR 10 2015

DAS
27
46
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK080

31

120742

13

120987

18

647.4111

Manufactured No

110

Each

15.0000

1 1

647-4111

Doubler

**

MAR 10 2015

DAS
27
46
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK110

15

120967

15

Thursday, March 05, 2015 2:23:43 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Picklist Print

Thursday, March 05, 2015 2:23:43 PM

Page 3

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

647.4112

Manufactured No

110

Each

17.0000

1

1

647 4112

Clip

DAS
86
9-89

Location

Loc Qty

Loc Code

CCK110

17

126770

17

110

Each

17.0000

1

**

DAS
27
9-89

DAS
46
9-89

MAR 10 2015

647.4113

Manufactured No

647 4113

Clip

DAS
86
9-89

Location

Loc Qty

Loc Code

cck111

17

126771

17

110

Each

67.0000

2

**

MAR 10 2015

DAS
27
9-89

DAS
46
9-89

647.4114

Manufactured No

647 4114

Shim

DAS
86
9-89

Location

Loc Qty

Loc Code

cck111

67

120635

14

120746

28

120941

25

110

Each

52.0000

2

**

MAR 10 2015

DAS
27
9-89

DAS
46
9-89

647.4115

Manufactured No

647 4115

Shim

DAS
86
9-89

Location

Loc Qty

Loc Code

cck111

52

120747

31

120949

21

**

MAR 10 2015

DAS
27
9-89

DAS
46
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Picklist Print

Thursday, March 05, 2015 2:23:43 PM

Page 4

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

647.4116

Manufactured No

110

Each

32.0000

1

647 4116

Shim

DAS
27
9-89

Location

Loc Qty

Loc Code

cck111

32

120748

16

121064

16

**

DAS
27
9-89

DAS
46
9-89

MAR 10 2015

647.4210

Manufactured No

110

Each

30.0000

1

647 4210

Bracket LH

DAS
27
9-89

Location

Loc Qty

Loc Code

cck111

14

120749

14

CCK123

16

121086

16

**

DAS
27
9-89

DAS
46
9-89

MAR 10 2015

647.4211

Manufactured No

110

Each

30.0000

1

647 4211

Bracket RH

DAS
27
9-89

Location

Loc Qty

Loc Code

cck111

14

120750

14

CCK123

16

121134

16

**

DAS
27
9-89

DAS
46
9-89

MAR 10 2015

647.4311

Manufactured No

110

Each

15.0000

1

647 4311

RH Lower Strut

DAS
27
9-89

Location

Loc Qty

Loc Code

cck082

1

126398

1

CCK67

14

126398

14

**

DAS
27
9-89

DAS
46
9-89

MAR 10 2015

Thursday, March 05, 2015 2:23:43 PM

Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Picklist Print

Thursday, March 05, 2015 2:23:43 PM

Page 5

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Staff Qty: 1.00

Required Qty: 1.00

647.4310 Manufactured No

110 Each 34.0000 1 1

647 4310

LH Lower Strut

**

DAS

DAS
46

27

9-89

MAR 09 2015

Location

Loc Qty

Loc Code

cck066

34

126395

20

126396

14

DAS
86
9-89

647.4312 Manufactured No

110 Each 15.0000 1 1

647 4312

LH Upper Strut

**

DAS

DAS
45

27

9-89

MAR 09 2015

Location

Loc Qty

Loc Code

CCK67

15

126399

15

DAS
86
9-89

647.4313 Manufactured No

110 Each 15.0000 1 1

647 4313

RH Upper Strut

**

DAS

DAS
46

27

9-89

MAR 09 2015

Location

Loc Qty

Loc Code

cck068

15

126401

15

DAS
86
9-89

NAS1149FN832P Purchased No

110 Each 4,430.000 34 34

NAS1149FN832P

Washer

**

DAS

DAS
46

27

9-89

MAR 09 2015

Location

Loc Qty

Loc Code

ST260a

1954

125268

1954

st268

2476

125268

1569

M130388

907

DAS
86
9-89

Thursday, March 05, 2015 2:23:43 PM

Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Thursday, March 05, 2015 2:23:43 PM

Page 6

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

110

Each

4,301.000

157

NAS1149F0332P

Washer

**

DAS

DAS
46

MAR 09 2015

Location

Loc Qty

Loc Code

GA

222

122063

222

ST260a

2586

m128401

6

m131026

80

m131697

2500

st268

1493

m130325

1493

110

Each

597.0000

12

12

**

DAS

27

MAR 09 2015

DAS
46

MS27039-1-07

Purchased

No

MS27039-1-07

Screw

DAS

06

9-89

DAS

06

9-89

Location

Loc Qty

Loc Code

GA

380

125654

380

ST286

217

m127813

217

110

Each

635.0000

42

42

**

DAS

27

MAR 09 2015

DAS
46

MS27039-1-10

Purchased

No

MS27039-1-10

SCREW

DAS

06

9-89

Location

Loc Qty

Loc Code

CA

41

m128635

41

GA

239

m129541

239

ST285

355

m123522

3

m130358

352

42

Thursday, March 05, 2015 2:23:43 PM

Shop Packet Print

Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____
--	--	--

Picklist Print

Thursday, March 05, 2015 2:23:44 PM

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-08

Purchased

No

110

Each

167.0000

16

16

MS27039-08-08

Screw

DAS
27
3-09

Location

Loc Qty

Loc Code

CA

8

m130113

8

ST282

159

m130799

159

110

Each

405.0000

14

MS27039-1-09

Purchased

No

MS27039-1-09

Screw

DAS
27
3-09

Location

Loc Qty

Loc Code

FP001

38

18057

38

GA

36

124859

36

ST273A

200

125646

200

ST285

131

124859

31

m129541

100

110

Each

370.0000

2

MS27039-08-11

Purchased

No

MS27039-08-11

SCREW

DAS
27
3-09

Location

Loc Qty

Loc Code

ST282

370

m130358

370

DAS
27
3-09

MAR 09 2015

DAS
27
3-09

MAR 09 2015

DAS
27
3-09

MAR 09 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge	☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--	--

Picklist Print

Thursday, March 05, 2015 2:23:44 PM

Page 8

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

MS24694-S49

Purchased

No

110

Each

237.0000

1 1

MS24694-S49

Screw

DAS
06
9-89

Location

Loc Qty

Loc Code

ST289

237

m129499

100

m129702

137

**

DAS
27
9-89

DAS
46
9-89

MAR 09 2015

MS24694-C53

Purchased

No

110

Each

208.0000

8 8

MS24694-C53

Screw

DAS
06
9-89

Location

Loc Qty

Loc Code

ST287

208

m129499

56

m129702

152

**

DAS
27
9-89

DAS
46
9-89

MAR 09 2015

601.3073

Purchased

No

110

Each

6.0000

1 1

601 3073

Connector

DAS
06
9-89

Location

Loc Qty

Loc Code

CCK099

6

126805

6

**

DAS
27
9-89

DAS
46
9-89

MAR 09 2015

AN3-4A

Purchased

No

110

Each

257.0000

3 3

AN3-4A

Bolt

DAS
06
9-89

Location

Loc Qty

Loc Code

CA

108

m129682

108

ST350

149

m129702

149

**

DAS
27
9-89

DAS
46
9-89

MAR 09 2015

Thursday, March 05, 2015 2:23:44 PM

Shop Packet Print

Page 8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Picklist Print

Page 9

Thursday, March 05, 2015 2:23:44 PM

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

AN3-11A Purchased No

110 Each 479.0000 8

AN3-11A

Bolt

DAS
86
9-89

*

Location

Loc Qty

Loc Code

ST338a

479

m125709

470

m130005

9

**

DAS
27
9-89

DAS
46

MAR 09 2015

AN3C10A Purchased No

110 Each 39.0000 2

AN3C10A

Bolt

DAS
86
9-89

Location

Loc Qty

Loc Code

ST349

39

m128634

25

m129521

14

**

DAS
27
9-89

DAS
46

MAR 09 2015

CR3212-4-1 Purchased No

110 Each 54.0000 6

CR3212-4-1

Cherry Rivet

DAS
86
9-89

Location

Loc Qty

Loc Code

ST320

54

m126410

54

**

DAS
27
9-89

DAS
46

MAR 09 2015

CR3212-4-2 Purchased No

110 Each 187.0000 6

CR3212-4-2

Cherry Rivet

DAS
86
9-89

Location

Loc Qty

Loc Code

ST320

187

121090

65

M130388

122

**

DAS
27
9-89

DAS
46

MAR 09 2015

Thursday, March 05, 2015 2:23:44 PM

Shop Packet Print

Page 9

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
--	--	---

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Thursday, March 05, 2015 2:23:44 PM

Page 10

Work Order ID: 130328

Parent Item: 647.3701

Parent Item Name: 412 Cable Cutter System, Standard

130328

647 3701

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

CR3212-4-3 Purchased No

110 Each 162.0000 17 17

~~*CR3212-4-3*~~

Cherry Rivet

DAS
66
9-89

Location

Loc Qty

Loc Code

CCK004

162

m126320

162

110 Each 1.0000 4 4

CR3212-4-4 CR3212-4-04 Purchased No

~~*CR3212-4-4*~~

CHERRY RIVET

DAS
66
9-89

Location

Loc Qty

Loc Code

ST320

1

126534

1

110 Each 910.0000 12 12

CCR264SS3-04 Purchased No

~~*CCR264SS3-04*~~

Rivet

DAS
66
9-89

Location

Loc Qty

Loc Code

CCK004

640

123785

400

m129702

240

ST321

270

123352

200

m128454

70

110 Each 412.0000 16 16

CCR264SS-3-03 Purchased No

~~*CCR264SS-3-03*~~

Rivet

DAS
66
9-89

Location

Loc Qty

Loc Code

LG001

63

m128606

63

ST321

349

m128606

349

DAS
27
9-89

MAR 09 2015

DAS
46

DAS
27
9-89

MAR 09 2015

DAS
46

DAS
27
9-89

MAR 09 2015

DAS
46

DAS
27
9-89

MAR 09 2015

DAS
46

Thursday, March 05, 2015 2:23:44 PM

Shop Packet Print

Page 10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Folio/Program	Other
☐ Bending	☐ Bend	☐ Grain	☐ Outside Dimensions
☐ Centre Not Concentric	☐ BOM/Route	☐ Hardware	☐ Over/Under tolerance
☐ Cracks	☐ Broken/Damage/Defect	☐ Inspection Incomplete/Unqualified	☐ Part Incorrect
☐ Crimp/Kink/Ripple/Wave	☐ Burrs	☐ Instructions Incomplete/Unclear	☐ Part Lost/Missing
☐ Cuffs	☐ Contamination	☐ Misaligned/off center	☐ Part Moved
☐ Crushing	☐ Countersink	☐ Mislabeled	☐ Positioned Wrong
☐ Heat Treat	☐ Cut Too Short	☐ Misread	☐ Power Loss/Surge
☐ Inspection Strip in Tube	☐ Drawing	☐ Off-set	☐ Pressure/Forced
☐ Marks/Chatter	☐ Drill Holes	☐ Out of Calibration	☐ Set-up
☐ Turning Sequence	☐ Finish	☐ Out of Sequence	☐ Temperature/Cure
☐ Wave/Twist in Tube	☐ Fit/Function		☐ Weld
			☐ Wrong Stock Pulled
			☐ Other

Picklist Print

Thursday, March 05, 2015 2:23:44 PM

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

CR3213-4-2	Purchased	No	110	Each	590.0000	13			
CR3213-4-2									
Cherry Rivet									

DAS
66
9-89

Location

Loc Qty

Loc Code

CCK004
123301
ST319
123301
m131340

69
69
521
21
500

**

DAS
27
9-89

DAS
46
9-89

MAR 09 2015

CR3213-4-3	Purchased	No	110	Each	591.0000	32	32		
CR3213-4-3									
Rivet, Cherry									

DAS
66
9-89

Location

Loc Qty

Loc Code

CA
123301
CCK004
123301
m129541
ST318
m131340

7
7
384
284
100
200
200

**

DAS
27
9-89

DAS
46
9-89

MAR 09 2015

CR3213-4-4	Purchased	No	110	Each	727.0000	19	19		
CR3213-4-4									
Rivet, Cherry									

DAS
66
9-89

Location

Loc Qty

Loc Code

CCK004
126282
M128813
ST318
M12840

700
500
200
27
27

**

DAS
27
9-89

DAS
46
9-89

MAR 09 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Thursday, March 05, 2015 2:23:45 PM

Page 12

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

CR3213-4-5 Purchased No

110 Each 805.0000 42 42

**

DAS
27
MAR 09 2015
DAS
46
9-89

CR3213-4-5
Rivet

DAS
86
9-89

Location

Loc Qty

Loc Code

CCK004

805

123301

505

M129913

300

CR3213-4-8 Purchased No

110 Each 168.0000 4 4

**

DAS
27
9-89
MAR 09 2015
DAS
46
9-89

CR3213-4-8
Rivet

DAS
86
9-89

Location

Loc Qty

Loc Code

ST319

168

123785

168

MS21042-3 MS21042L3 Purchased No

110 Each 639.0000 79 79

**

DAS
27
9-89
MAR 09 2015
DAS
46
9-89

MS21042-3
Nut//use MS21042L3

DAS
86
9-89

Location

Loc Qty

Loc Code

CA

501

M129682

501

ST305

138

M128770

38

M129541

100

MS21042-08 MS21042L08 Purchased No

110 Each 26.0000 18 18

**

DAS
27
9-89
MAR 09 2015
DAS
46
9-89

MS21042-08
USE MS21042L08

DAS
86
9-89

Location

Loc Qty

Loc Code

ST304

25

122815

25

ST306

1

123185

1

Thursday, March 05, 2015 2:23:45 PM

Shop Packet Print

Page 12

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Picklist Print

Thursday, March 05, 2015 2:23:45 PM

Work Order ID: 130328

130328

Parent Item: 647.3701

647.3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

MS21047L06

Purchased

No

110

Each

110.0000

6

MS21047L06

Nut Plate

DAS
27
9-89

Location

Loc Qty

Loc Code

ST303

110

m131340

110

MS21047L08

Purchased

No

110

Each

75.0000

6

MS21047L08

Nut Plate

DAS
27
9-89

Location

Loc Qty

Loc Code

ST303

75

m129702

75

MS21047-3

Purchased

No

110

Each

120.0000

4

MS21047-3

Nut Plate

DAS
27
9-89

Location

Loc Qty

Loc Code

ST303

120

m131317

120

MS21071L3

Purchased

No

110

Each

292.0000

4

MS21071L3

ANCHOR NUT

DAS
27
9-89

Location

Loc Qty

Loc Code

ST301

292

114348

38

124291

50

125654

100

m129702

104

DAS
27
9-89
MAR 09 2015
DAS
46
9-89

DAS
27
9-89
MAR 09 2015
DAS
46
9-89

DAS
27
9-89
MAR 09 2015
DAS
46
9-89

DAS
27
9-89
MAR 09 2015
DAS
46
9-89

DAS
27
9-89
MAR 09 2015
DAS
46
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Thursday, March 05, 2015 2:23:45 PM

Work Order ID: 130328

130328

Parent Item: 647.3701

647 3701

Parent Item Name: 412 Cable Cutter System, Standard

Start Date: 3/5/2015

Required Date: 3/27/2015

Start Qty: 1.00

Required Qty: 1.00

601.3083

Manufactured No

110

Each

1.0000

1

601 3083

Adhesive Rubber Seal

**

DAS
27

DAS
46

MAR 09 2015

Location

Loc Qty

Loc Code

cck010

1

121918

1

601.1012

Purchased

No

110

Each

0.0000

1

601 1012

Sealant (One 6 oz)

**

DAS
27

DAS
46

MAR 09 2015

601.2045

Purchased

No

110

Each

27.0000

1

601 2045

RTV (LOCTITE 598)

**

DAS
27

DAS
46

MAR 09 2015

Location

Loc Qty

Loc Code

CCK096

8

m131142

8

cck15a

19

m131311

19

DAS
06
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
--	--	---

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

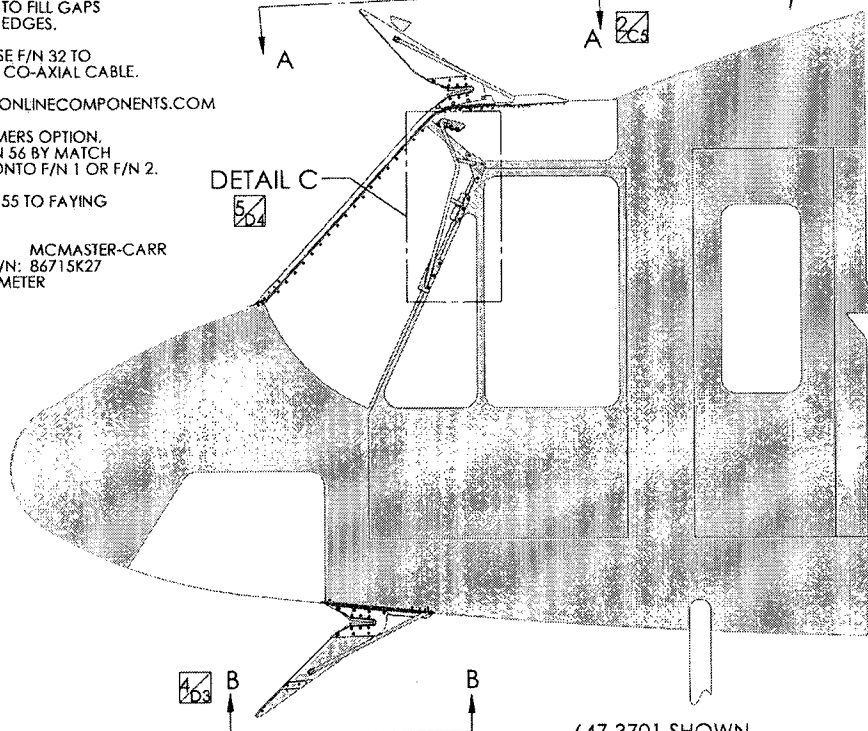
Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

UNINCORPORATED ECN(S)

NOTES:

- 1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.
- 2 IF REQD, USE F/N 32 TO CONNECT CO-AXIAL CABLE.
- 3 VENDOR : ONLINECOMPONENTS.COM
- 4 AT CUSTOMERS OPTION, INSTALL F/N 56 BY MATCH DRILLING ONTO F/N 1 OR F/N 2.
- 5 APPLY F/N 55 TO FAYING SURFACES.
- 6 VENDOR : MCMASTER-CARR
VENDOR P/N: 86715K27
60A DUROMETER



647.3701 SHOWN

REF	REF	REF	REF	S6	647.3701	GPS MOUNT KIT	
A/R	A/R	A/R	A/R	55	601.2045	RTV	LOCITE 590
A/R	A/R	A/R	A/R	54	601.1012	SEALANT	FW 1425
1	1	1	1	53	601.0083	ADHESIVE RUBBER SEAL	ME-R-3065
4	4	4	4	52	601.2957	NUTPLATE	601.2957
4	4	4	4	51	600.0795	NUTPLATE	600.0795
6	6	6	6	50	601.3066	NUTPLATE	601.3066
6	6	6	6	49	601.3065	NUTPLATE	601.3065
18	18	18	18	48	601.2973	LOCKNUT	601.2973
79	79	79	79	47	601.2943	LOCKNUT	601.2943
4	4	4	4	46	601.2364	CHERRY RIVET	601.2364
28	28	42	42	45	601.1183	CHERRY RIVET	601.1183
16	16	19	19	44	601.1915	CHERRY RIVET	601.1915
24	24	32	32	43	601.0790	CHERRY RIVET	601.0790
31	31	13	13	42	601.1039	CHERRY RIVET	601.1039
.3704	.3703	.3702	.3701	FIND #	PART #	DESCRIPTION	MATL SPEC.

REV	DESCRIPTION	DATE	APPROVED
LAST PROTOTYPE REVISION: PP1			N/C
INITIAL RELEASE:		09-29-07	P. BRAVO

16	16	16	41	601.2207	NUTPLATE RIVET	601.2207
12	12	12	40	601.2491	NUTPLATE RIVET	601.2491
7	7	4	39	601.1066	CHERRY RIVET	601.1066
17	17	17	38	601.1065	CHERRY RIVET	601.1065
5	5	6	37	601.1604	CHERRY RIVET	601.1604
6	6	6	36	601.3082	CHERRY RIVET	601.3082
2	2	2	35	601.1874	BOLT	601.1874
8	8	8	34	601.2826	BOLT	601.2826
3	3	3	33	601.2823	BOLT	601.2823
1	1	1	32	601.2873	CONNECTOR	601.2873
8	8	8	31	601.2419	SCREW	601.2419
1	1	1	30	601.3070	SCREW	601.3070
2	2	2	29	601.2893	SCREW	601.2893
14	14	14	28	601.3069	SCREW	601.3069
16	16	16	27	601.2263	SCREW	601.2263
42	42	42	26	601.1365	SCREW	601.1365
12	12	12	25	601.2198	SCREW	601.2198
157	157	157	24	601.1607	WASHER	601.1607
34	34	34	23	601.2764	WASHER	601.2764
1	1	1	22	647.4213	RH UPPER STRUT	647.4213
1	1	1	21	647.4212	LH UPPER STRUT	647.4212
1	1	1	20	647.4210	LH LOWER STRUT	647.4210
1	1	1	19	647.4211	RH LOWER STRUT	647.4211
1	1	1	18	647.4212	PLATE	647.4212
1	1	1	17	647.4211	BRACKET RH	647.4211
1	1	1	16	647.4210	BRACKET LH	647.4210
1	1	1	15	647.4209	SHIM	647.4209
2	2	2	14	647.4208	SHIM	647.4208
2	2	2	13	647.4207	SHIM	647.4207
1	1	1	12	647.4206	CLIP	647.4206
1	1	1	11	647.4205	CLIP	647.4205
1	1	1	10	647.4204	DOUBLER	647.4204
1	1	1	9	647.4203	DOUBLER	647.4203
1	1	1	8	647.4201	WIPER DEFLECTOR LH	647.4201
1	1	1	7	647.4200	WIPER DEFLECTOR RH	647.4200
1	1	1	6	647.3915	DEFLECTOR	647.3915
1	1	1	5	647.4400	RAIL	647.4400
1	1	1	4	647.3804	LOWER CUTTER ASSY HIGH	647.3804
1	1	1	3	647.3803	LOWER CUTTER ASSY LOW	647.3803
1	1	1	2	647.3802	212 UPPER CUTTER ASSY	647.3802
1	1	1	1	647.3801	412 UPPER CUTTER ASSY	647.3801
				647.3704	204, 205, 212 CABLE CUTTERS KIT HIGH	647.3704
				647.3703	204, 205, 212 CABLE CUTTERS KIT LOW	647.3703
				647.3702	412 CABLE CUTTERS KIT HIGH	647.3702
				647.3701	412 CABLE CUTTERS KIT LOW	647.3701

QTY	PART #	DESCRIPTION	MATL	SPEC.
.3704	.3703	.3702	.3701	FIND #
PARTS LIST				
ORIGINAL DATE: 09-29-07				
DRAWN BY: J. JACKSON				
CHECKED BY: D. BRUNER				
DRAWING APPROVAL: P. BRAVO				
DATE: 09-29-07				
CONTRACTING: APICAL INDUSTRIES				
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES				
TOLERANCES ARE: .001				
2 PLACE DECIMALS - .01				
3 PLACE DECIMALS - .001				
ANGLES: 1/2				
APICAL INDUSTRIES				
2608 TEMPLE HEIGHTS DR.				
OCEANSIDE, CA 92056-3512 (760) 724-5300				
412 CABLE CUTTERS KIT				
SHEET: 8	CAGE CODE: 07M26	DWG. NO.: 647.3700	REV: N/C	
SCALE: NONE		SHEET: 1 OF 5		